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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/078,059

DATE: 03/05/2002 P.5
TIME: 14:12:03

Input Set : A:\PF466P2SEQLIST01102002.txt

Output Set: N:\CRF3\03052002\J078059.raw

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3 <110> APPLICANT: Ruben et al.
5 <120> TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
7 <130> FILE REFERENCE: PF466P2
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/078,059
C--> 9 <141> CURRENT FILING DATE: 2002-02-20
9 <150> PRIOR APPLICATION NUMBER: 60/269,876
10 <151> PRIOR FILING DATE: 2001-02-21
12 <150> PRIOR APPLICATION NUMBER: PCT/US00/22493
13 <151> PRIOR FILING DATE: 2000-08-17
15 <150> PRIOR APPLICATION NUMBER: 09/376,430
16 <151> PRIOR FILING DATE: 1999-08-18
18 <150> PRIOR APPLICATION NUMBER: 09/263,626
19 <151> PRIOR FILING DATE: 1999-03-05
21 <150> PRIOR APPLICATION NUMBER: PCT/US99/05068
22 <151> PRIOR FILING DATE: 1999-03-05
24 <150> PRIOR APPLICATION NUMBER: 60/086,505
25 <151> PRIOR FILING DATE: 1998-05-22
27 <150> PRIOR APPLICATION NUMBER: 60/078,563
28 <151> PRIOR FILING DATE: 1998-03-19
30 <160> NUMBER OF SEQ ID NOS: 32
32 <170> SOFTWARE: PatentIn Ver. 2.1
34 <210> SEQ ID NO: 1
35 <211> LENGTH: 1573
36 <212> TYPE: DNA
37 <213> ORGANISM: Homo sapiens
39 <220> FEATURE:
40 <221> NAME/KEY: CDS
41 <222> LOCATION: (13)..(1125)
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45 Met Gly Arg Leu Val Leu Leu Trp Gly Ala Ala Val Phe
46 1 5 10
48 ctg ctg gga ggc tgg atg gct ttg ggg caa gga gga gca gca gaa gga 99
49 Leu Leu Gly Gly Trp Met Ala Leu Gly Gln Gly Gly Ala Ala Glu Gly
50 15 20 25
52 gta cag att cag atc atc tac ttc aat tta gaa acc gtg cag gtg aca 147
53 Val Gln Ile Gln Ile Ile Tyr Phe Asn Leu Glu Thr Val Gln Val Thr
54 30 35 40 45
56 tgg aat gcc agc aaa tac tcc agg acc aac ctg act ttc cac tac aga 195
57 Trp Asn Ala Ser Lys Tyr Ser Arg Thr Asn Leu Thr Phe His Tyr Arg
58 50 55 60
60 ttc aac ggt gat gag gcc tat gac cag tgc acc aac tac ctt ctc cag 243
61 Phe Asn Gly Asp Glu Ala Tyr Asp Gln Cys Thr Asn Tyr Leu Leu Gln

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Input Set : A:\PF466P2SEQLIST01102002.txt

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62	65	70	75	
64	gaa ggt cac act tcg ggg tgc ctc cta gac gca gag cag cga gac gac	291		
65	Glu Gly His Thr Ser Gly Cys Leu Leu Asp Ala Glu Gln Arg Asp Asp			
66	80	85	90	
68	att ctc tat ttc tcc atc agg aat ggg acg cac ccc gtt ttc acc gca	339		
69	Ile Leu Tyr Phe Ser Ile Arg Asn Gly Thr His Pro Val Phe Thr Ala			
70	95	100	105	
72	agt cgc tgg atg gtt tat tac ctg aaa ccc agt tcc ccg aag cac gtg	387		
73	Ser Arg Trp Met Val Tyr Tyr Leu Lys Pro Ser Ser Pro Lys His Val			
74	110	115	120	125
76	aga ttt tcg tgg cat cag gat gca gtg acg gtg acg tgt tct gac ctg	435		
77	Arg Phe Ser Trp His Gln Asp Ala Val Thr Val Thr Cys Ser Asp Leu			
78	130	135	140	
80	tcc tac ggg gat ctc ctc tat gag gtt cag tac cgg agc ccc ttc gac	483		
81	Ser Tyr Gly Asp Leu Leu Tyr Glu Val Gln Tyr Arg Ser Pro Phe Asp			
82	145	150	155	
84	acc gag tgg cag tcc aaa cag gaa aat acc tgc aac gtc acc ata gaa	531		
85	Thr Glu Trp Gln Ser Lys Gln Glu Asn Thr Cys Asn Val Thr Ile Glu			
86	160	165	170	
88	ggc ttg gat gcc gag aag tgt tac tct ttc tgg gtc agg gtg aag gct	579		
89	Gly Leu Asp Ala Glu Lys Cys Tyr Ser Phe Trp Val Arg Val Lys Ala			
90	175	180	185	
92	atg gag gat gta tat ggg cca gac aca tac cca agc gac tgg tca gag	627		
93	Met Glu Asp Val Tyr Gly Pro Asp Thr Tyr Pro Ser Asp Trp Ser Glu			
94	190	195	200	205
96	gtg aca tgc tgg cag aga ggc gag att cgg gat gcc tgt gca gag aca	675		
97	Val Thr Cys Trp Gln Arg Gly Glu Ile Arg Asp Ala Cys Ala Glu Thr			
98	210	215	220	
100	cca acg cct ccc aaa cca aag ctg tcc aaa ttt att tta att tcc agc	723		
101	Pro Thr Pro Pro Lys Pro Lys Leu Ser Lys Phe Ile Leu Ile Ser Ser			
102	225	230	235	
104	ctg gcc atc ctt ctg atg gtg tct ctc ctc ctt ctg tct tta tgg aaa	771		
105	Leu Ala Ile Leu Leu Met Val Ser Leu Leu Leu Leu Ser Leu Trp Lys			
106	240	245	250	
108	tta tgg aga gtg aag aag ttt ctc att ccc agc gtg cca gac ccg aaa	819		
109	Leu Trp Arg Val Lys Lys Phe Leu Ile Pro Ser Val Pro Asp Pro Lys			
110	255	260	265	
112	tcc atc ttc ccc ggg ctc ttt gag ata cac caa ggg aac ttc cag gag	867		
113	Ser Ile Phe Pro Gly Leu Phe Glu Ile His Gln Gly Asn Phe Gln Glu			
114	270	275	280	285
116	tgg atc aca gac acc cag aac gtg gcc cac ctc cac aag atg gca ggt	915		
117	Trp Ile Thr Asp Thr Gln Asn Val Ala His Leu His Lys Met Ala Gly			
118	290	295	300	
120	gca gag caa gaa agt ggc ccc gag gag ccc ctg gta gtc cag ttg gcc	963		
121	Ala Glu Gln Glu Ser Gly Pro Glu Glu Pro Leu Val Val Gln Leu Ala			
122	305	310	315	
124	aag act gaa gcc gag tct ccc agg atg ctg gac cca cag acc gag gag	1011		
125	Lys Thr Glu Ala Glu Ser Pro Arg Met Leu Asp Pro Gln Thr Glu Glu			
126	320	325	330	

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129 Lys Glu Ala Ser Gly Gly Ser Leu Gln Leu Pro His Gln Pro Leu Gln
130 335 340 345
132 ggc ggt gat gtg gtc aca atc ggg ggc ttc acc ttt gtg atg aat gac 1107
133 Gly Gly Asp Val Val Thr Ile Gly Gly Phe Thr Phe Val Met Asn Asp
134 350 355 360 365
136 cgc tcc tac gtg gcg ttg tgatggacac accactgtca aagtcaacgt 1155
137 Arg Ser Tyr Val Ala Leu
138 370
140 caggatcoac gttgacattt aaagacagag gggactgtcc cggggactcc acaccacccat 1215
142 ggatgggaag tctccacgcc aatgatggta ggactaggag actctgaaga ccagacctca 1275
144 ccgcctaattg cggccactgc cctgctaact ttccccaca tgagtctctg tgttcaaagg 1335
146 cttgatggca gatgggagcc aattgctcca ggagatttac tcccagttcc ttttcgtgcc 1395
148 tgaacgttgt cacataaacc ccaaggcagc acgtccaaaa tgctgtaaaa ccatcttccc 1455
150 actctgtgag tcccagttc cgtccatgta cctgttccat agcattggat tctcggagga 1515
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156 <211> LENGTH: 371
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 2
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164 Gly Trp Met Ala Leu Gly Gln Gly Gly Ala Ala Glu Gly Val Gln Ile
165 20 25 30
167 Gln Ile Ile Tyr Phe Asn Leu Glu Thr Val Gln Val Thr Trp Asn Ala
168 35 40 45
170 Ser Lys Tyr Ser Arg Thr Asn Leu Thr Phe His Tyr Arg Phe Asn Gly
171 50 55 60
173 Asp Glu Ala Tyr Asp Gln Cys Thr Asn Tyr Leu Leu Gln Glu Gly His
174 65 70 75 80
176 Thr Ser Gly Cys Leu Leu Asp Ala Glu Gln Arg Asp Asp Ile Leu Tyr
177 85 90 95
179 Phe Ser Ile Arg Asn Gly Thr His Pro Val Phe Thr Ala Ser Arg Trp
180 100 105 110
182 Met Val Tyr Tyr Leu Lys Pro Ser Ser Pro Lys His Val Arg Phe Ser
183 115 120 125
185 Trp His Gln Asp Ala Val Thr Val Thr Cys Ser Asp Leu Ser Tyr Gly
186 130 135 140
188 Asp Leu Leu Tyr Glu Val Gln Tyr Arg Ser Pro Phe Asp Thr Glu Trp
189 145 150 155 160
191 Gln Ser Lys Gln Glu Asn Thr Cys Asn Val Thr Ile Glu Gly Leu Asp
192 165 170 175
194 Ala Glu Lys Cys Tyr Ser Phe Trp Val Arg Val Lys Ala Met Glu Asp
195 180 185 190
197 Val Tyr Gly Pro Asp Thr Tyr Pro Ser Asp Trp Ser Glu Val Thr Cys
198 195 200 205
200 Trp Gln Arg Gly Glu Ile Arg Asp Ala Cys Ala Glu Thr Pro Thr Pro
201 210 215 220

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203 Pro Lys Pro Lys Leu Ser Lys Phe Ile Leu Ile Ser Ser Leu Ala Ile
204 225                230                235                240
206 Leu Leu Met Val Ser Leu Leu Leu Leu Ser Leu Trp Lys Leu Trp Arg
207                245                250                255
209 Val Lys Lys Phe Leu Ile Pro Ser Val Pro Asp Pro Lys Ser Ile Phe
210                260                265                270
212 Pro Gly Leu Phe Glu Ile His Gln Gly Asn Phe Gln Glu Trp Ile Thr
213                275                280                285
215 Asp Thr Gln Asn Val Ala His Leu His Lys Met Ala Gly Ala Glu Gln
216                290                295                300
218 Glu Ser Gly Pro Glu Glu Pro Leu Val Val Gln Leu Ala Lys Thr Glu
219 305                310                315                320
221 Ala Glu Ser Pro Arg Met Leu Asp Pro Gln Thr Glu Glu Lys Glu Ala
222                325                330                335
224 Ser Gly Gly Ser Leu Gln Leu Pro His Gln Pro Leu Gln Gly Gly Asp
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237 <212> TYPE: PRT
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 3
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245                20          25          30
247 Asn Glu Asp Ile Gly Gly Lys Pro Gly Thr Gly Gly Asp Phe Phe Leu
248                35          40          45
250 Thr Ser Thr Pro Ala Gly Thr Leu Asp Val Ser Thr Leu Pro Leu Pro
251    50          55          60
253 Lys Val Gln Cys Phe Val Phe Asn Val Glu Tyr Met Asn Cys Thr Trp
254 65          70          75          80
256 Asn Ser Ser Ser Glu Pro Gln Pro Asn Asn Leu Thr Leu His Tyr Gly
257                85          90          95
259 Tyr Arg Asn Phe Asn Gly Asp Asp Lys Leu Gln Glu Cys Gly His Tyr
260                100         105         110
262 Leu Phe Ser Glu Gly Ile Thr Ser Gly Cys Trp Phe Gly Lys Lys Glu
263    115         120         125
265 Ile Arg Leu Tyr Glu Thr Phe Val Val Gln Leu Gln Asp Pro Arg Glu
266    130         135         140
268 His Arg Lys Gln Pro Lys Gln Met Leu Lys Leu Gln Asp Leu Val Ile
269 145         150         155         160
271 Pro Trp Ala Pro Glu Asn Leu Thr Leu Arg Asn Leu Ser Glu Phe Gln
272                165         170         175
274 Leu Glu Leu Ser Trp Ser Asn Arg Tyr Leu Asp His Cys Leu Glu His
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
Input Set : A:\PF466P2SEQLIST01102002.txt

Output Set: N:\CRF3\03052002\J078059.raw

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277 Leu Val Gln Tyr Arg Ser Asp Arg Asp Arg Ser Trp Thr Glu Gln Ser
278           195                200                205
280 Val Asp His Arg His Ser Phe Ser Leu Pro Ser Val Asp Ala Gln Lys
281       210                215                220
283 Leu Tyr Thr Phe Arg Val Arg Ser Arg Tyr Asn Pro Leu Cys Gly Ser
284 225                230                235                240
286 Ala Gln His Trp Ser Asp Trp Ser Tyr Pro Ile His Trp Gly Ser Asn
287           245                250                255
289 Thr Ser Lys Glu Asn Ile Glu Asn Pro Glu Asn Pro Ser Leu Phe Ala
290           260                265                270
292 Leu Glu Ala Val Leu Ile Pro Leu Gly Ser Met Gly Leu Ile Val Ser
293           275                280                285
295 Leu Ile Cys Val Tyr Cys Trp Leu Glu Arg Thr Met Pro Arg Ile Pro
296       290                295                300
298 Thr Leu Lys Asn Leu Glu Asp Leu Val Thr Glu Tyr Gln Gly Asn Phe
299 305                310                315                320
301 Ser Ala Trp Ser Gly Val Ser Lys Gly Leu Ala Glu Ser Leu Gln Pro
302           325                330                335
304 Asp Tyr Ser Glu Arg Leu Cys His Val Ser Glu Ile Pro Pro Lys Gly
305           340                345                350
307 Gly Glu Gly Pro Gly Gly Ser Pro Cys Ser Gln His Ser Pro Tyr Trp
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315 <211> LENGTH: 733
316 <212> TYPE: DNA
317 <213> ORGANISM: Homo sapiens
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322 tctcccgac tcctgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
323 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
324 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
325 ggctgaatgg caaggagtac aagtgcgaag tctccaacaa agccctcca acccccatcg 360
326 agaaaacat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
327 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
328 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
329 ccacgcctcc cgtgctggac tccgacggt ccttcttcct ctacagcaag ctcaccgtgg 600
330 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggtctctg 660
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332 gactctagag gat                                     733
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336 <211> LENGTH: 5
337 <212> TYPE: PRT
338 <213> ORGANISM: Homo sapiens
340 <220> FEATURE:
341 <221> NAME/KEY: SITE
342 <222> LOCATION: (3)

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 Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/078,059

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Input Set : A:\PF466P2SEQLIST01102002.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

L:625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25

L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25

L:783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27

L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27

L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30